

## 06 -28 -0003 Rec'd PCT/PTO 24 JUN 2004

PCTS

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE (REV-10-2003)		ATTORNEY'S DOCKET NUMBER				
TRANSMITTAL LETTER TO THE UNITED STATES		015280-457100US				
DESIGNATED/ELECTED OFFICE (DO/EO/US)		U.S. APPLICATION NO. (If known, see 37 CFR 1.5)				
CONCERNING A FILING UNDER 35 U.S.C. 371		Unassigne 0/500342				
INTERNATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED				
PCT/US02/40641	18 December 2002	27 December 2001				
TITLE OF INVENTION						
AUTOMATED CENTERLINE DETECTION ALGORITHM FOR COLON-LIKE 3D SURFACES						
APPLICANT(S) FOR DO/EO/US						
IORDANESCU, Gheorghe; SUMMERS, Ronald; CEBRAL, Juan, Raul						
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:						
1. This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.						
2. This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.						
3. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.						
4. The US has been elected (Article 31).						
5. A copy of the International Application as filed (35 U.S.C. 371(c)(2))						
a. \(\sigma\) is attached hereto (required only if not communicated by the International Bureau).						
b. has been communicated by the International Bureau						
c. is not required, as the application was filed in the United States Receiving Office (RO/US).						
6. An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).						
a. is attached hereto.						
b. has been previously submitted under 35 U.S.C. 154(d)(4).						
7.   Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))						
a. are attached hereto (required only if not communicated by the International Bureau).						
b. have been communicated by the International Bureau.						
c. have not been made; however, the time limit for making such amendments has NOT expired.						
d. A have not been made and will not be made.						
8. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).						
9. An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).						
10. An English language translation of the annexes of the International Preliminary Examination Report under PCT						
Article 36 (35 U.S.C. 371(c)(5)).  Items 11 to 20 below concern document(s) or information included:						
11. An Information Disclosure Statement under 37 CFR 1.97 and 1.98.						
12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.						
13. A preliminary amendment.						
14. An Application Data Sheet under 37 CFR 1.76.						
15. A substitute specification.						
<ul> <li>16. A power of attorney and/or change of address letter.</li> <li>17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825.</li> </ul>						
18. A second copy of the published international application under 35 U.S.C 154(d)(4).						
18. A second copy of the published international application under 35 U.S.C. 134(d)(4).  19. A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).						
20.  ☐ Other items or information:						
EXPRESS MAIL NO. EV 332020565 US; International Publication WO 03/058553A2; Cover sheet of International						
Publication WO 03/058553 A3 with International Search Report; PCT form PCT/IPEA/409 (IPER), and PCT From						
PCT/IB308; Return Postcard						

## 10/500342

U.S. APPLICATION NO. (if kn	own, see 37 CFR 1.5)	INTERNATIONAL APPLICATION I	1O.	ATTORNEY'S DOCKET NUMBER 0152800-457100US		
	nassigned PCT/US02/40641		CALCULATIONS PTO USE ONLY			
21. The following fees are submitted:  BASIC NATIONAL FEE (37 CFR 1.492(a) (1) – (5)):			CALCULATIONS FIG USE UNLT			
Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO						
and International Search Report not prepared by the EPO or JPO\$1080.00		\$1080.00				
International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO\$920.00						
OSF TO out internationa	ii Scarcii Report preparei	d by the Li O of 31 O				
International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO\$770.00						
International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4)\$730.00						
International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4)\$100.00						
ENTER APPROPRIATE BASIC FEE AMOUNT = \$730.00			\$730.00			
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).			\$			
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$		
Total claims	12 - 20 =	0	x \$18.00	\$0.00	<u> </u>	
	12 - 20 = 5 -3 =	2	x \$18.00 x \$86.00	\$172.00		
Independent claims	ENT CLAIM(S) (if applie		+ 290.00	\$0.00	<del></del>	
MOLTIFLE DEFENDE				\$902.00		
TOTAL OF ABOVE CALCULATIONS =  Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.		\$451.00	-			
SUBTOTAL =			\$451.00			
Processing fee of \$130.0	00 for furnishing the Eng	lish translation later than 30 n	onths			
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).			\$			
TOTAL NATIONAL FEE =			\$451.00			
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +			\$			
TOTAL FEES ENCLOSED =			\$451.00			
				Amount to be refunded:	\$	
				charged:	\$451.00	
a. A check in the amount of \$to cover the above fees is enclosed.						
b. Please charge my Deposit Account No. 20-1430 in the amount of \$451.00 to cover the above fees.  A duplicate copy of this sheet is enclosed.						
c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 20-1430. A duplicate copy of this sheet is enclosed.						
d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.						
intormation should not be included on this form. I loying circuit cald information and authorization on 1 10-2006.						
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a)						
or (b) must be filed and granted to restore the application to pending status.						
SEND ALL CORRESPO	ONDENCE TO:		SIGNATURE	Hynes	June 24, 2004 DATE	
Will <del>iam Michael-I</del> lyr	nes		SIGNATURE	•	5.115	
Townsend and Town						
Two Embarcadero C			William M	Michael Hynes		
San Francisco, CA 9			NAME			
	24168					
					<del>_</del>	
	<u></u>		REGISTRAT	ATION NUMBER		